

		of vector analysis.			
3-4	8	The student acquired knowledge of force analysis and finding the resultant forces and moments.	Analysis of forces and finding the resultant of forces and moments	In person	Student Participation Daily Exam
5-6	8	The student gained knowledge of finding the equilibrium of forces and moments	Equilibrium of forces and moments	In person	Student Participation Daily Exam
7-8		The student gained knowledge of friction, center of gravity and moment of inertia.	Friction, center of gravity and moment of inertia	In person	Student Participation Daily Exam
9-12		Introduction to the science of material strength and calculation of vertical stresses and shear stresses	Material strength and stresses	In person	Student Participation Daily Exam
13-15		Calculating bending and torsional stresses and conducting a semester exam	Bending and torsional stresses	In person	Student Participation Semester Exam

11. Course Evaluation

20% documented exam
5% Quizes
5% reports and homework

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	---
Main references (sources)	<ul style="list-style-type: none"> • Engineering Mechanics Book / Written by (Maryam) • strength of materials Book Written by (Sanger)
Recommended books and references (scientific journals, reports...)	Engineering Mechanics Book by (Haberle)
Electronic References, Websites	----